1170 (77)	Attorney Docket No. 204702US2					
UTILITY PATENT APPLICATION	First Inventor or Application Identifier Kazuhisa KASHIHARA, et al.					
TRANSMITTAL Only for new nonprovisional applications under 37 CFR 1 53(b))	MANUFACTUR CIRCUIT AND MANUFACTUR	RING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE PLANAR LIGHTWAVE CIRCUIT HAVING METALLIC FILM RED BY USING THIS METHOD				
JC003 U.S. PTO	Assignee Name: FURU	KAWA ELECTRIC CO., LTD.				
Assignee Address: 6-1,		, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322, JAPAN				
U3/13/81  APPLICATION ELEMEN  See MPEP chapter 600 concerning utility patent.	TS application contents	Assistant Commissioner for Patents  ADDRESS TO: Box Patent Application Washington, DC 20231				
Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original and a duplicate for fee processing)		ACCOMPANYING APPLICATION PARTS ⇒				
(Cooling of State and Cooping to 1997)	g/	7. □ Assignment Papers (cover sheet & document(s))				
2. ■ Specification Total	Sheets 29	8. Application Data Sheet. See 37 CFR 1.76				
		9.   37 C.F.R. §3.73(b) Statement   Power of Attorney				
3. ■ Drawing(s) (35 U.S.C. 113) Total Sheets Formals		10.   English Translation Document (if applicable)				
		11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations (1)				
4. □ Oath or Declaration Tota	Pages	12. □ Preliminary Amendment				
a.   Newly executed (original or copy)		13. White Advance Serial No. Postcard				
b. Copy from a prior application (37 C.F.R. §1.63(d)) (for continuation / divisional w/ box 17 completed)		14. Certified Copy of Priority Document(s) (1)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §1.63(d)(2) and 1.33(b).		15.   Applicant claims small entity status.  See 37 CFR 1.27				
5 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		16. ■ Other: Notice of Priority, List of Inventors' Names and Addresses				
Nucleotide and/or Amino Acid Sequence Submission						
a Computer Peadable Form (CRF)						
b. Specification or Sequence Listing o	n:					
i.   CD-ROM or CD-R (2 copies); or						
ii. paper						
c.   Statements verifying identity of	above copies					
If a CONTINUING APPLICATION, check	k appropriate box, and supp	oly the requisite information below:				
iek  Continuation Divisional	□ Continuation-	in-part (CIP) of prior application no.:				
Prior application information: Examin		Group Art Unit:				
(or CONTINUATION OR DIVISIONAL APPS only. The prifer disclours of the prior application, from which an cath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or delicent application and is hereby incorporated by reference. The incorporation can call by the relied upon then a portion has been inadvertently critical from the submitted application parts.						
18. Amend the specification by inserting bef	ore the first line the s	entence:				
☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of application Serial No. Filed on						
☐ Which was published in English						
☑ Which was not published in English						
☐ This application claims priority of provis	ional application Seria	al No. Filed				
19 CORRESPONDENCE ADDRESS						



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Name:	Marvin J. Spivak	Registration No.:	24,913
Signature:	Care	Date:	3/13/01
Name:		Registration No.:	1 /

Docket No

204702US2

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Kazuhisa KASHIHARA, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: MANUFACTURING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE CIRCUIT AND PLANAR

LIGHTWAVE CIRCUIT HAVING METALLIC FILM MANUFACTURED BY USING THIS METHOD

## FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	4 - 20 =	0	× \$18 =	\$0.00
INDEPENDENT CLAIMS	2 - 3 =	0	× \$80 =	\$0.00
□ MULTIPLE DEPENDE	\$0.00			
■ LATE FILING OF DECLARATION			+ \$130 =	\$840.00
	\$710.00			
	\$840.00			
☐ REDUCTION BY 50% I	\$0.00			
□ FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
RECORDATION OF AS	SIGNMENT		+ \$40 =	\$0.00
			TOTAL	\$840.00

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to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted.

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

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IN RE APPLICATION OF: Kazuhisa KASHIHARA, et al.

FILING DATE: Herewith

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MANUFACTURING METHOD OF METALLIC FILM TO PLANAR LIGHTWAVE CIRCUIT AND PLANAR LIGHTWAVE CIRCUIT HAVING METALLIC FILM MANUFACTURED BY USING THIS METHOD

## LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Kazuhisa KASHTHARA

Tokyo, JAPAN

Kazutaka NARA

Tokyo, JAPAN

Yoshinobu NEKADO

Tokyo, JAPAN

Affectaration containing all the necessary information will be submitted at a later date.

(a)

in a

VI)

Tel.(203) 413-3000 Fax. (703) 413-2220 (OSMMN 11/98) Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Marvin J. Spivak

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